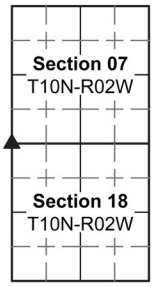
MONUMENT RECORD

Corner ID: **BeBl_A09**

Section Corner

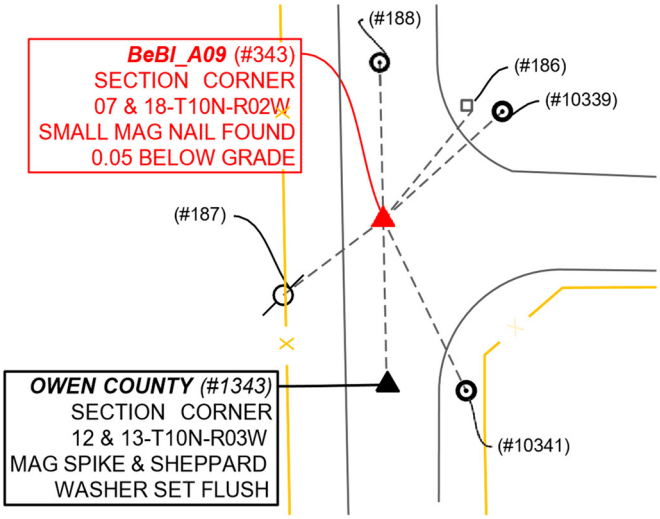
Sections 7 & 18- T10N-R02W, 2nd P.M.

Bean Blossom Township, Monroe County, Indiana



MONUMENT: *Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)*
(#343) Small Mag nail Found 0.05' below and in the approximate centerline + centerline intersection of north-south and east bound asphalt county roads.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: *Describe at least three new BT's (Bearing Trees) and/or witness objects established or work done to preserve existing evidence. BT diameters are noted as dbh (diameter at breast height) and are measured approximately 4.5' above ground. Bearings and Distances are measured from the monument to the center of the BT. Bearings and Distances to witness ties were measured with* a Sokkia Set 510 Total Station.

ID	*Bearing*	*Distance*	*Description*
(#186)	N39° 18'E	29.2'	Southeast corner of Railroad Rail found 3' above ground against road sign
(#187)	S53° 04'W	26.1'	Power Pole
(#188)	N01° 16'W	32.7'	Nail Found 0.1' below and in the approximate center of County Line Road
(#189)	N36° 20'E	131.1'	Southwest corner of House

MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting

(#10339)	N47° 57' 34"E	33.55'	N:1479965.1010' E:3065370.2550' Rebar Lite 11' North of North edge of pavement of Wolf Mountain Road, and 15' East of East edge of pavement of County Line Road.
(#10341)	S25° 54' 15"E	39.61'	N:1479907.0065' E:3065362.6415' Rebar Lite 6' East of East edge of pavement of County Line Road.
(#1343)	S01° 02' 32"E	34.32'	N:1479908.3211' E:3065346.0377' Mag Spike in SHEPPARD PLS #20100021 washer set flush in center of north-south (County line) road at SE corner Section 12/ NE corner Section 13 Township 10 North Range 3 West (See Theory of Location Report)

OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph
501 N Morton Street Ste 205, Bloomington, IN 47404 • 812-349-2570 • surveyorsoffice@co.monroe.in.us

MONUMENT RECORD

Corner ID: **BeBl_A09**

Section Corner

Sections 7 & 18- T10N-R02W, 2nd P.M.

Bean Blossom Township, Monroe County, Indiana

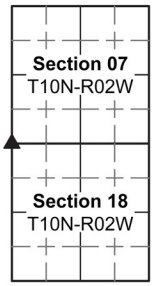


PHOTO IDENTIFIED: *Photo Date:* 11/06/2024

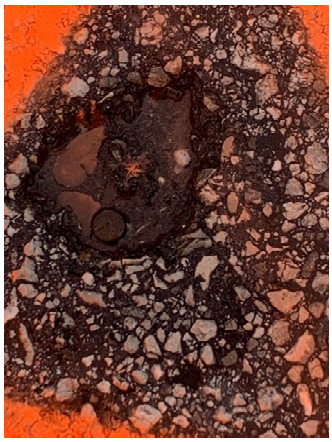


Photo Orientation & Description: From Above

Photo Orientation & Description: From North Looking South

EXISTING SURVEY HISTORY *Include as much detail and history of the corner as known at the time of perpetuation* **ORIGINAL GOVERNMENT SURVEY:**

Year Surveyed: 1815 *By:* William Harris Deputy Surveyor

Where filed or recorded: Monroe County Original Notes page 264

Original monument: Post

Bearing Trees or Reference Monuments:

Species	*Dia.*	*Bearing*	*Distance*
Beech	18”	S17°W	34 Links
Poplar	30”	N64°E	20 Links

Notes:

SUBSEQUENT CORNER RESTORATION:

NONE FOUND

OTHER SURVEY HISTORY: *Include details such as surveyor name, date, recording info, monument description, etc.*

DocumentDate	SurveyID	Surveyor	Description	InstrumentNo
3/17/2008	RSID005144	Bennett, James C.	Carter Type B Administrative Subdivision	
11/12/2012	RSID005604	Meier, David R.	McDonald Concord Road Original/Retracement Survey	
6/28/2013	RSID005217	Oser, Rachel	Retracement Survey for Owen County State Bank - Owners: Warren E. & Julia A. Walls	2014001023.IN
3/14/2016	RSID005605	Sheppard, Michael E.	Original 5.00 acre parcel Survey	
1/24/2020	RSID005024	Gwinn, Jess A.	Carter Sliding Scale Subdivsion Final Plat	2023000814.IN
10/31/2023	RSID005312	Graham, Charles D	"Type ""E"" Administrative Subdivision of Parcels - Anderson-Hill 9808 & 9828 W. Wolf Mountain Road, 47433"	2023013242.IN
12/7/1987	RSID005617	Multiple	Owen County Section Ties On line between 10 North 2 & 3	West

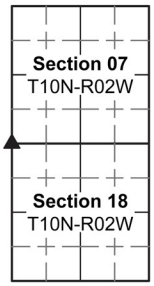
MONUMENT RECORD

Corner ID: **BeBl_A09**

Section Corner

Sections 7 & 18- T10N-R02W, 2nd P.M.

Bean Blossom Township, Monroe County, Indiana



ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE: *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 3/04/24 & 11/06/24 *By:* MES/JMG/WEP *Monument Found:* Small Mag Nail *BTs or Reference Objects Found:* Yes *Project #:* 24-001 & 24-004 *Field Book:* 56 page 12 & Field Book 57 page 45 *Notes:*

OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

Mag Nail is in general harmony with the intersection of the road centerlines of County Line and Wolf Mountain Road

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

State Plane coordinates were established on the Mag Nail. 2 Rebar Lites and a Mag Spike at the offset Section corner were set within sight of the post that could be used to reestablish its location should it become obliterated.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The Mag Nail was found. It has been accepted as monumenting the Section corner by numerous surveyors in recent history. It has also been considered the Southeast corner of Section 12/Northeast corner Section 13 Township 10 North Range 3 West by at least 3 surveyors in recent history, including being referenced as such by William Harlos Owen County Surveyor, in 1987 (See RSID005617, page 5). Unfortunately, I am also one of the surveyors that held it as such on a prior survey. After measuring around numerous Sections in the area, it is now evident to me that it does not represent and was never intended to represent the Southeast corner Section 12/Northeast corner Section 13 Township 10 North Range 3 West. Based on other monuments and occupation lines in and around the Sections, this Mag Nail is in my opinion the most reliable evidence of the original location of the Southwest corner of Section 7/Northwest corner of Section 18 Township 10 North Range 2 West, with negligible uncertainty. The Northeast corner of Section 13/Southeast corner of Section 12 Township 10 North Range 3 West was set this survey (#1343) at the extension of a line from the PK Nail found at the East Quarter corner of Section 12 Township 10 North Range 3 West, through the Mag Nail at BeBl_A09 (#343) and at the record offset distance of 52 Links (34.32') from (South of) said BeBl_A09. This corner was set because to accept the Mag Nail at BeBl_A09 (#343) means there is an angle break in the Section line, and angle breaks, per Government Survey regulations can only be at Standard (Originally established) Section corners, on the originally established Range lines, not at closing corners.

GEODETIC COORDINATES: *Northing:*1479942.6' *Easting:* 3065345.3'

BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000041208.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 7 or 18 Township 10 North Range 2 West by Michael E. Sheppard of the Monroe County Surveyor's Office.

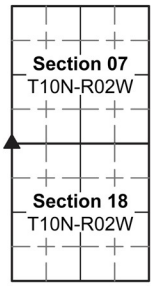
MONUMENT RECORD

Corner ID: **BeBl_A09**

Section Corner

Sections 7 & 18- T10N-R02W, 2nd P.M.

Bean Blossom Township, Monroe County, Indiana



CERTIFICATIONS:

Date: 02/18/2025

Michael E. Sheppard

State of Indiana

Professional Surveyor

No. 20100021

Date: 02/18/2025

Trohn Enright-Randolph

Monroe County Surveyor

Accepted by the Monroe County

Surveyor Review Board on 02/18/2025

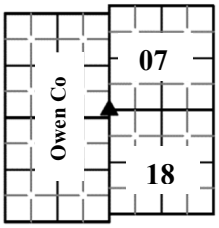
MONUMENT RECORD

Corner ID: **BeBl_A09**

Section Corner

Sections 7 & 18 – T10N-R02W, 2nd P.M.

Bean Blossom Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: ***1816*** By: ***William Harris***

Where filed or recorded: ***page 264***

Original monument: ***wood post***

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	***18"***	***S 17 W***	***34 lks***
Poplar	***30"***	***N 64 E***	***20 lks***

Notes: ***52 links (34.32') N of corner for Sec. 12 & 13, 10N, 3W***

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes:

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: ***8/2019*** By: ***J. Gwinn*** Monument Found: ***Mag nail*** BTs or Reference Objects Found: ***none*** Notes: ***Mag nail found in the centerline intersection of County Line Road and Wolf Mountain Road.***

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

The origin of this nail is unknown. Several surveys dating back to the 1980's reference this corner as the Point of Beginning. However, only one survey from 2008 by James Bennett actually calls out the nail as the monument at the corner.

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A mag nail was found flush at the centerline intersection of County Line Road and Wolf Mountain Road.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is in the centerline intersection of County Line Road and Wolf Mountain Road surrounded by open farm fields.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Other than the original wood post set in 1816, there were no other perpetuation records for this corner. In farm country such as this it is common for the section corners to be at the centerline intersection of the roads. As such, this nail was held as the best available evidence for this corner. A nail was found 32.6 feet north of the corner in the centerline of the road. This nail was likewise of unknown origin. Using the nail at the centerline intersection makes all of the property corners to the east fall in the road which is what would be expected. Not always, but usually. Refer to "Carter Sliding Scale Subdivision" by Jess A. Gwinn, RLS 29300019, dated 1/24/2020, and recorded

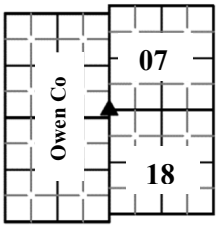
MONUMENT RECORD

Corner ID: **BeBl_A09**

Section Corner

Sections 7 & 18 – T10N-R02W, 2nd P.M.

Bean Blossom Township, Monroe County, Indiana



1/24/2023 as Instrument 2023000814.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

Nail and asphalt around it painted pink. Sign nailed to the east side of a utility pole at S 53 W 26 feet away.

GEODETIC COORDINATES: Northing: ***1479943.0816***, Easting: ***3065345.3895***

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone (e.g., Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US Survey Feet, derived from GPS observations collected by Rachel Oser on December 13, 2018 utilizing a Javad Triumph LS Rover and a Javad Triumph 2 Base. Static observations were post-processed using the JAVAD GNSS Data Online Processing Service (DPOS). Distances obtained with GPS have not been adjusted to ground.)

Grid North NAD 83(2011), epoch 2010.0000, Indiana West NAVD 88, geoid 12B, US Survey feet, derived from RTK GPS observations taken 8/18/2019 using a Topcon GR5 base and rover. Grid distances have not been scaled to ground.

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g.. SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
Pole	***S 53 W***	***25.75***	***20d nail w/ brass ID tag 1' up the SE side of a utility pole; Mag nail still in***
Nail	***North***	***32.6***	***nail found 1" deep in the centerline of County Line Road***
rail	***N 40 E***	***29.35***	***SE corner of 3' tall rail road rail***
house	***N 37 E***	***131.40***	***SW corner of house foundation***
post	***S 67 E***	***40.48***	***20d nail w/ brass ID tag 6" up NE side of wood fence post***

Notes: ***Nail previously located 40.46 feet south of the corner not found this survey. Possibly paved over.***

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.

Photo Date: ***1/28/2020***

MONUMENT RECORD

Corner ID: **BeBl_A09**

Section Corner

Sections 7 & 18 – T10N-R02W, 2nd P.M.

Bean Blossom Township, Monroe County, Indiana

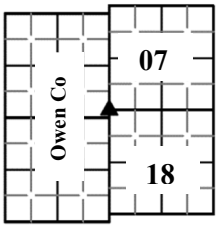


Photo Orientation & Description: ***From E. looking W. to corner (under cone)***

Photo Orientation & Description: ***From N. looking S. to corner (under cone); found witness nail in foreground***

Photo Orientation & Description: ***From S. looking N. to corner (under cone); house witness to right; rail witness next to road sign.***

Photo Orientation & Description:

FIELD PERSONNEL:

Field Date: ***1/28/2020*** By: ***J. Gwinn*** Project #: ***1171*** Field Book: , page: Notes:

CERTIFICATION:

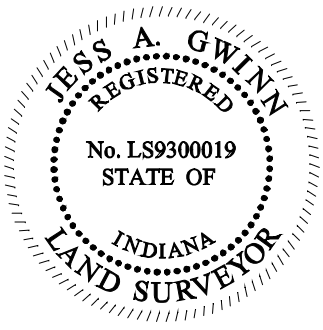
Professional Surveyor Name: ***Jess A. Gwinn***

Indiana Professional Surveyor No.: ***29300019***

Firm Name:

Date: ***2/12/2020***

Signature:



Seal:

OFFICE USE ONLY

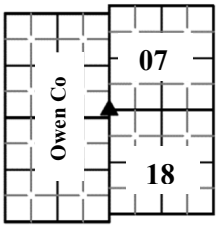
MONUMENT RECORD

Corner ID: **BeBl_A09**

Section Corner

Sections 7 & 18 – T10N-R02W, 2nd P.M.

Bean Blossom Township, Monroe County, Indiana



NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: ***Jess Gwinn***		Firm Name: ***Jess A. Gwinn RLS***	
Phone: ***812-876-7111***		Email: ***jagmo@bluemarble.net***	
Corner Classification: ***Referenced***		Corner Coordinate Status: ***Unknown***	
Issue Date: ***09/09/2019***	Form Due Date: ***05/18/2020***	Form Receipt Date:	

COUNTY SURVEYOR APPROVAL:	
☒ Yes, Signature: Date: 8/22/2023	Seal:
☐ No, reasons for denial	

SURVEYOR REVIEW BOARD APPROVAL:	
☒ Yes, Signature: Date: 8/22/2023	Seal:
☐ No, reasons for denial	